

## **AUTOMATICALLY CONFIGURABLE MINUTE VENTILATION SENSOR**

### Abstract

5 A minute ventilation sensing device in which transthoracic impedance is measured with voltage sense electrodes during injection of current by excitation current electrodes. The device is capable of operating with different configurations of voltage sense and excitation current electrodes. By computing a signal and/or noise level for a number of available configurations, the electrodes resulting in the highest signal-to-noise ratio may be selected for use by the device.

"Express Mail" mailing label number: EV299684683US

Date of Deposit: December 12, 2003

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